

The Tech

VOL. XXIV. No. 64.

BOSTON, MASS., MONDAY, MARCH 27, 1905.

PRICE THREE CENTS.

PLAN REPORTED.

Agreement Drawn up by the Conference Committee Presented.

Friday afternoon the report of the committee of conference on the Technology-Harvard plan was reported to the Corporation. The purpose of the agreement as set forth in the preamble is for a larger enterprise, with more economy of funds, and fuller accomplishment of the trusts upon which the funds of the two Institutions are held, by means of mutual assistance and co-operation. The agreement on the part of Harvard is subject to a decree of the Supreme Judicial Court, that the University may use its funds as specified. The organization of each Institution is to be unaffected, Technology is to retain its name. The Institute is to be managed by an executive committee of nine to be chosen by the Institute, two of the members being the President and Treasurer of the Institute, and three members of the Harvard corporation. The faculty is to be composed of all Technology professors and those Harvard professors who teach in applied science. All funds accredited to the Lawrence Scientific School and all equipment for instruction in applied science, as well as three-fifths of the income of the McKay fund shall be at the disposal of the Executive Committee. The Institute places at the disposal of the committee the income of its funds and the use of its property and equipment excepting such amounts and property as may be necessary to functions outside of the field of applied science. Property purchased shall belong to the corporation which furnished the funds for such purchase.

The Institute is to build on the Boston bank of the Charles river buildings of at least the capacity of those used now, as soon as a sufficient part of the present location shall have been sold. Three years after the buildings have been begun the Lawrence Scientific School is to be discontinued. Degrees in industrial science and engineering and the courses of study leading thereto shall be within the province of the Faculty. Students of the Institute shall have full privileges in the

libraries, museums and athletic fields of the University. Students of either institution may take courses under the other on payment of the proper fee. The departments of Architecture of the two Institutions are to remain unaffected by the agreement. All funds remain subject to the conditions upon which they are held. The agreement may be terminated at any time by either corporation upon reasonable notice. The Institute in such case to pay for buildings or fixtures purchased with Harvard funds.

Freshman Class Meeting.

At a meeting of the Freshmen Class last Saturday, President McGuigan urged all the members to be more prompt and willing to pay their Class dues. He said that the Class had made sufficient assessments to pay all the expenses, but that if the members refused to pay up, it might be found impossible to have a baseball team. W. O. Adams, manager of the baseball team and chairman of the Committee to handle the Freshman night at the Union, spoke to the Class and urged them to come out and make both the team and the Kommers a success.

Mining Engineering Society.

Mr. Horace F. Brown, who is widely known as a mechanical engineer, will address the members of the Mining Engineering Society, to-day, at 4 P.M., in Room 2, Rogers Building. Mr. Brown is the inventor of the "Brown Horseshoe Furnace," which is used extensively in the roasting department of copper and lead smelters. He has also achieved a reputation in the treatment of silver ores.

Gymnastic Meet.

The Tech Gymnastic team gave an exhibition at the Gym last Friday evening. The work was very good and barring a few slips everything went smoothly. Besides the regular team a second squad went through simple exercises on the horizontal ladder, parallel bars and low horizontal bar. The first team performed on the high horizontal, the long and side horse, the rings and the parallel bars, and gave a good exhibition of tumbling and pyramid forming.

HUNTINGTON HALL FRIEZE.

Fifth Year Architects are Doing Excellent Work on Several Parts.

It is greatly to the credit of the Institute and to the Architectural Department, that the fifth year architects have undertaken the great task of retouching and redesigning several panels of the Huntington Hall Frieze. That they are working with the right spirit can be shown by the patience and care taken in making the drawings.

The work is of such a nature that to hurry it would mean to spoil it, and those most interested realize that under the most favorable circumstances, it would take a number of months before the designs could be actually replaced in their proper panels. The problem is not only to retouch the old drawings, but also to make new designs for those drawings which have been lost and thus to obtain something that will fit in and harmonize with the ideas embodied by the old designs.

Those who have noticed the pictures of the panels which have appeared recently, could not fail to notice that there is a certain dignity and charm about them, with all the roughly clad appearance of the figures, and the extremely antiquated methods portrayed, and this it is desired to preserve.

The Seal of the Institute has been retouched and drawn to a much larger scale, the figures being very nearly life size. Two smaller drawings representing the Arts are well underway, and they will fill the smaller panels, one either side of the Seal. Four drawings, representing Civil, Mechanical and Mining Engineering, and Architecture, the first four courses, are being designed for the larger panels on either side of the Seal. Of these, the drawing for Mechanical Engineering, Course II, is partially completed, the others have yet to be redrawn.

Civil Engineering Society Dinner.

The Civil Engineering Society will hold its annual dinner at the Copley Square Hotel on Thursday, March 30, at 6.45 P.M. Tickets will be \$1.50 and may be obtained from members of the Program Committee.

CALENDAR.

MONDAY, MARCH 27.
4.00 P.M. Mining Eng. Society. Room 2, Rogers. Talk by Mr. Brown of the "Brown Horseshoe Furnace."
TUESDAY, MARCH 28.
4 P.M. Candidates for Track Team. Tech Gym.
7.10 Combined Musical Clubs meet in Boylston Street Subway.
8.00 P.M. Fencing Meet. 1908 vs. Tufts at the Tech Gym.
WEDNESDAY, MARCH 29.
7.45 P.M. Mining Eng. Society. Talk by Mr. F. A. Thanisch, '96, on "Mining in South America."

FACULTY NOTICES.

Valve Setting.

Students assigned to Meyer Valve Setting should study the subject in Valve Gears before day of exercise.

NOTICES.

Professor Thorp's Industrial Chemistry Class made an excursion to the Cambridge Gas Works on Saturday.

Professor Despradelle has recovered from his illness, and he will continue his lectures on the theory of architecture to-day at 4.30 in 42 Pierce.

Tuesday, March 28, concert by the Combined Musical Clubs at Dorchester. Meet in Boylston Street Subway for south bound Dudley Street train at 7.10 P.M.

The date of the Fencing Meet between Technology 1908 and Tufts has been changed from April 1 to March 28 owing to an exhibition at Tufts April 1.

Western Kommers.

Fifty-two men attended the Western Kommers Saturday evening, a majority of the number being Western men. In the roll call by states, Massachusetts was first with ten men in attendance, and Missouri was second with eight. There were fifteen states represented altogether.

Prof. Erastus E. Smith, of Beloit College, Wisconsin, who is at the Institute studying Eastern Sanitary Methods, was the guest of honor. He told the men of a Kommers at a German University.

The Tech

Published every Monday, Wednesday and Friday during the college year (from September to June), by students of the Massachusetts Institute of Technology.

Application pending for entry in the Boston Post-office as second-class mail matter.

Editorial Staff.

CHARLES T. BARTLETT, 1906, *Editor-in-Chief*
 NORMAN LOMBARD, 1905, *Managing Editor*
 WALTER H. TRASK, 1906, *Secretary*
 J. DANIELS, 1905 L. T. BUSHNELL, 1905
 R. E. BELL, 1905 W. RANNEY, 1905
 W. G. WALDO, 1906 A. H. DONNEWALD, 1907

News Staff.

J. M. BARKER, 1907. R. P. LOWE, 1907.
 E. F. WHITNEY, 1907. J. M. FRANK, 1907.
 B. D. JOHNSON, 1907. W. F. DOLKE, 1908.

Business Staff.

DONALD G. ROBBINS, 1907, *Business Manager*
 F. A. BENHAM, 1906, *Asst. Business Manager*
 M. McLEOD, 1907, *Asst. Business Manager*
 J. C. BROOKS, 1908, *Asst. Business Manager*

Office: 30 Rogers Building, 401 Boylston Street

OFFICE HOURS:

Editor-in-Chief..... { 11-12 Monday
 1-2 Thursday
 Business Manager..... { 11-12 Tuesday
 9-10 Saturday
 Managing Editor, News Bureau..... 1-1.30 Daily
 Editor-in-Charge..... 4-5 Daily

Contributions are requested from all undergraduates, alumni and officers of instruction. No anonymous manuscript can be accepted.

All communications regarding subscriptions or advertisements, should be addressed to the Business Manager.

Subscription - - \$1.50 per year in advance.
 Single Copies 3 Cents.

In charge of this issue: R. E. BELL, 1905.

Monday, March 27, 1905.

WILLIAM A. NICHOLS, PRINTER, 208 SUMMER ST., REAR

The plan for an agreement between Technology and Harvard as made public Saturday, would give great advantages to the

The Con-Institute should it be ference Plan, adopted and carried out.

The great administrative difficulties of conducting the enterprise, are, nevertheless, recognized even in the plan itself, by the provision for the dissolution of the agreement. This introduces a factor of uncertainty as to the future of the Institute, for however strong the ratification, men and conditions change.

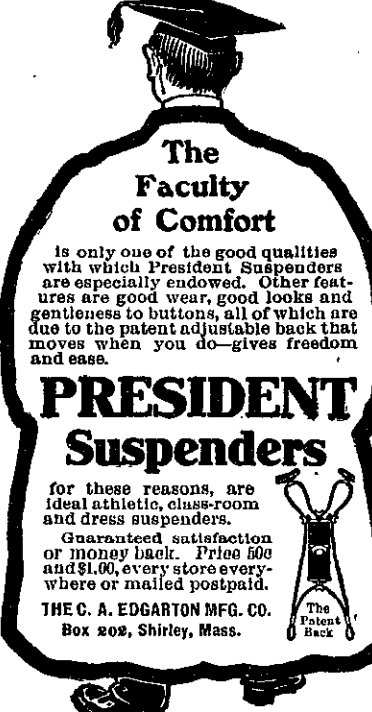
Should the agreement be voided by either party after several years, although its organization would be intact, the Institute would be left in possession of a site which would then be undesirable. In addition to this uncertainty there remains to be considered the loss of support from certain alumni and other opponents of the plan, and also the doubtful question of the possibility of successfully conducting the necessarily exacting courses of a scientific institution in the atmosphere of an academic college.

The new Register of Graduates has been published. Copies will be ready for distribution this week.

READING NOTICES.

FOUND.—In second year Civil Engineering room, a knife. Owner may have same by applying at News Bureau.

FOUND.—A set of instruments. Owner may have them by calling at Mr. Rand's office and identifying them.



The Faculty of Comfort

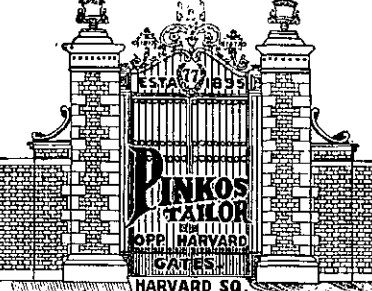
Is only one of the good qualities with which President Suspenders are especially endowed. Other features are good wear, good looks and gentleness to buttons, all of which are due to the patent adjustable back that moves when you do—gives freedom and ease.

PRESIDENT Suspenders

for these reasons, are ideal athletic, class-room and dress suspenders.


Guaranteed satisfaction or money back. Prices 50c and \$1.00, every store everywhere or mailed postpaid.

THE C. A. EDGARTON MFG. CO.
 Box 202, Shirley, Mass.



PINKOS TAILOR
 1276 MASS AVE., CAMBRIDGE, MASS., U.S.A.

"THE GIRLS ARE FOND OF THESE"



Tech Emblems

Greatest Variety
 Lowest Prices

BENT & BUSH
 15 SCHOOL ST. BOSTON, MASS.

SPRING HATS

The Sphinx
 Is the BEST and LOWEST in Price
 ALL STYLES \$2.00
 214 Washington Street, Boston, Mass.

L. P. HOLLANDER & CO.

New Spring Fashions in Men's Clothing

NOW IN STOCK

Largest Assortment of Fine Goods in the City
208 BOYLSTON ST., BOSTON.

CITY TRUST CO.

40 STATE STREET.

Capital and Surplus - - \$2,000,000

PHILIP STOCKTON, President.
 C. F. ADAMS, 2d, Vice-President.
 GEORGE W. GRANT, Treasurer.
 GEORGE S. MUMFORD, Secretary.
 H. S. GREW, 2d, Asst.-Treasurer.

Your Deposit Account is Invited.



J. C. LITTLEFIELD, Tailor and Outfitter,

12 BEACON STREET, BOSTON.

I can offer you a larger and more complete assortment than can be seen elsewhere, and at lower prices for the same qualities. Look in and examine my prices before placing your order. Golf Breeches, Riding Breeches, and Dress Suits a Specialty.

DISCOUNT TO STUDENTS.

The Tech Pin

Fraternity Pins and Seals
 Steins and Medals

FREDERICK T. WIDMER,
 Successor to Henry Guild & Son, 28 West St. Boston

Summer Positions for Tech Men

As Chauffeurs pay well, give a good outing and mechanical experience.

FOLIAMBE AUTOMOBILE SCHOOL

Evenings beginning April 1. \$20
 66-70 STANHOPE STREET, BOSTON.

IF Your Umbrella Needs a rib, or recover, we do it at Reasonable Prices.

T. FRANK BELL, Jeweler 9 Temple Place.

Spring Announcement

**Morse & Henderson
 Tailors**

18 Boylston Street

Dear Sir:

A. G. Morse and W. J. Henderson, for the past ten years with Geo. H. Lane, No. 18 Boylston Street, wish to announce to their patrons that they have taken Rooms 14 and 15, directly over the old stand at the same address, where they are prepared to show a complete line of foreign and domestic woolsens from the leading houses, for spring and summer, for gentlemen's wear.

We earnestly solicit your patronage.

Early orders desired.

Very truly yours,

MORSE & HENDERSON,
 Telephone, Oxford 99.

Boston, Mass., March 1, 1905.

10 per cent Discount to Students.

McMORROW

College Shoes for College Men

238 Washington Street, Boston, Mass.

OPPOSITE YOUNG'S HOTEL

STONE & WEBSTER

**Electrical Experts
 and Engineers**

84 STATE ST., BOSTON, MASS.

GEORGE W. BROWN**Merchant
Tailor****110 TREMONT STREET**

Makes up-to-date students'
clothes at very reasonable
prices

Suits and Overcoats from \$35

This is the best time of the ENTIRE YEAR, for you to have your FULL DRESS, Tuxedo, or Double-Breasted Frock Suit made. We make a Specialty of these garments and make Special Prices during the slack season. Then again, we have an extra large assortment at this time, and the Tailors always make their work better when not rushed with work and we are willing to figure a little closer to keep our help busy. Step in and let us show them to you. And oblige

Yours Respectfully,

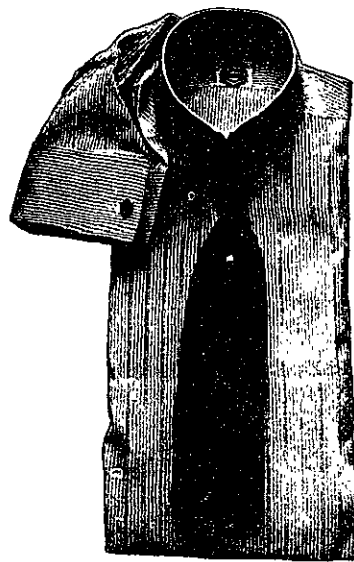
BURKE & CO.**Tailors**

843 Washington Street, Boston

1246 Massachusetts Avenue, Cambridge

*That Totally Different
Clothing for Men***SMITH & SMULLEN CO.****Tailors****And Ready to Wear Clothing**

381 Washington St., opp. Franklin

**SHIRTINGS**

FOR 1905 ARE READY

All the Newest Ideas for Men's Negligees and Summer Wear in

SHIRTS

Made from English, Scotch and French Fabrics. Private Designs.

BUSINESS AND DRESS SUITS

\$1.50, \$2.00, \$3.50, \$4.50, \$5.50 and Upward

All made in our own workrooms. Consult us to know the Linen, the Cravat and Gloves to Wear.

GLOVES

Fownes' Heavy Street Gloves, hand Stitched, \$1.50. Better ones, \$2.00, \$2.50 and \$3.00. Men's and Women's

NECKWEAR out of the ordinary—shapes strictly new—\$1.00 to \$4.50.

Noyes Bros. Washington and Summer Streets, Boston, U. S. A.**SPRING OPENING****A. H. MATZ & CO.,****Merchant Tailors****32 HUNTINGTON AVENUE****COPLEY SQUARE.****Hollis St. Theatre.**

Mande Adams and "The Little Minister" will be in the presence of friends at the Hollis Street tonight. This charming actress has always been one of the greatest favorites to appear on the local stage, and no play with which she has been identified has begun to compare in popularity with J. M. Barrie's comedy, "The Little Minister."

Colonial Theatre.

"Humpty Dumpty" has established itself on the record-breaking list at the Colonial. The figures for the first week of the Klaw and Erlanger spectacle, which comes to a conclusion tonight, will be found to surpass those of any other production which the enterprising managers have ever given on the local stage.

Majestic Theatre.

The second week of the engagement of the spectacular musical merriment "The Filibuster" will

Established 1874

DURGIN, PARK & CO.**Market Dining Rooms****30 North Market & 31 Clinton Streets****BOSTON**

OPEN FROM 5 A.M. TO 7 P.M.

begin tonight at the Majestic. There are plenty of pretty girls, handsome costumes, catchy music, bright lines and a strong cast of principals headed by Louise Gunning and Albert Mahar.

Tremont Theatre.

Rarely have audiences been so pleasantly taken by surprise as those which have assembled at the Tremont Theatre to see "The Cingalee." Apart from its spectacular effects, "The Cingalee" may be voted one of the most successful of musical comedies. The score is full of tuneful melodies.

Globe Theatre.

Williams & Walker with their excellent company are in their last week. These two clever stars have lost none of that charm or ability to entertain since they left us to show the theatre-goers of England what real colored comedy consisted of; they have improved, like good wine, with age.

COES AND YOUNG**20 SCHOOL STREET, BOSTON****SPRING SHOES****NOW READY****BOYLSTON****CATERING
COMPANY**

408 and 410 Boylston St.

LUNCH COUNTER,**RESTAURANT and FANCY BAKERY,****Ice Cream, Soda, Etc.****Table d'Hote or a la Carte Dinners****Catering for Spreads a Specialty****Long Distance Telephone 21740 Back Bay.****WOODLAND PARK HOTEL****AUBURNDALE, MASS.**

45 minutes by electric from M. I. T.

Rooms singly or en suite, with or without private baths.

Tennis, Golf, Canoeing; Superb Grounds and Admirable Cuisine.

Banquets and Dinners a Specialty.

An ideal stopping place for visitors to M.I.T.

FREDERICK WILKEY, Proprietor.

Send for Illustrated Booklet.

**Copley Square
Hotel****Huntington Ave. & Exeter St.****PATRONAGE** of "Tech" students solicited in our Cafe and Lunch Room

The attention of Secretaries and Banquet Committees of Dining Clubs, Societies, Lodges, etc., is called to the fact that the Copley Square Hotel has exceptionally good facilities for serving Breakfasts, Luncheons or Dinners and will cater especially to this trade.

Amos H. Whipple, Proprietor*E. Chickering
& Co.*
Boston**LEADING PHOTOGRAPHERS**

21 West Street

SPECIAL RATES TO STUDENTS OF THE INSTITUTE

THE BRUNSWICK**Boylston and Clarendon Sts., BOSTON.**

(Adjoining Copley Square)



Conducted on both the American and European Plans.

AMOS BARNES, Proprietor.**HERBERT H. BARNES, Manager.****Could You Go to the
Klondike?**

I WISH to communicate with young men that could accompany me next summer to the Klondike; I spent last summer there and own valuable interests; I can offer the opportunity of a lifetime to the right young men; they must furnish best of references, be physically robust and not afraid of labor, and have some money to invest. Address HIRAM VROOMAN, 5 Park Square.

KEEPS!

SPECIALISTS in SHIRTS to order, as well as all Men's Wear, such as Hosiery, Underwear, Tailor-made Suits, Rain Coats, etc., all at popular prices.

Laundry Called for and Delivered**KEEP MFG. CO.**

Makers of Keep's Shirts

156 TREMONT STREET**Hotel Lenox****Boylston and Exeter Streets
Back Bay, BOSTON**

ONE OF THE FINEST MODERN
FIRE PROOF HOTELS IN THE
COUNTRY. TWO MINUTES'
WALK FROM THE BACK BAY
STATIONS, AND ONE BLOCK
FROM COPLEY SQUARE

CHARLES A. GLEASON, Manager

Send for illustrated booklet

39 TREMONT STREETNear { Scollay Square
The Tunnel**Over One Million Prescriptions. For 67 Years in One Place**

We have a complete line of drugs, medicines, chemicals, acids, essential oils and fish oils, and we shall be pleased to quote close prices for large quantities.

We make a specialty of Mail Order Business and give special attention to all prescriptions by mail.

Boston is like a wheel. The spokes all lead to the Hub, and nearly every street brings you to the congested centre which is so near our store. Washington and Tremont Street here draw close together, and the population thickens to the square yard. If you are in the

State House, Parker's, Tremont Temple, Court House, Young's, Kings Chapel, City Hall, Tremont Bldg., Park St. Church, Subway, Tunnel, Park, Beacon, Court or School Streets,

or on your way to either the NORTH or SOUTH UNION STATION, you are very near to the most complete stock of Drugs and Pharmaceutical Supplies in Boston. A drug store for over half a century. The best place in the city to have Prescriptions accurately prepared from fresh, pure drugs of standard quality.

T. METCALF CO.,

BRANCH near Trinity Church, Massachusetts

Institute of Technology, Art Museum, Public Library, New Old South, First Church, Brunswick, Berkeley, Vendome, Back Bay Station.

Our Microscopes, Microtomes, Laboratory Glassware, Chemical Apparatus, Chemicals, Photo Lenses and Shutter, Field Glasses, Projection Apparatus, Photo-Micro Camera are used by the leading Laboratories and Government Departments Round the World

MICRO SCOPES

Catalogs Free

Bausch & Lomb Opt. Co.

ROCHESTER, N. Y.
New York Chicago Boston Frankfurt, G'y

THE POPULAR PLACE
TO TRADE**The Students' Drug Store**Under Copley Square Hotel
51 HUNTINGTON AVENUEE. G. BOSSOM, PROPRIETOR
We carry a full line of Drug Store Goods**COOPER'S**
SPRING
NEEDLE
DERBY UNDERWEAR
FOR MEN OF
REFINED TASTE

Is an underwear that appeals to men who wear good things. It is made of a fabric of remarkable elasticity, manufactured on the famous Spring-Needle Machine made by Charles Cooper and patented in nine countries.

The garments made from this fabric are of the finest yarns and their hygienic value is unsurpassed. They always retain their original shape even after the hardest wear. From first to last they maintain that same elegant, silky feel and easy comfortable and natural fit. They are made in two-piece and union suits, and in various sizes, weights and colors.

Be sure to ask your retail dealer for the genuine Cooper Spring-Needle Underwear. If he doesn't keep it refuse to purchase until you have seen our booklet "T" and samples of the Spring-Needle fabric. They are yours on request.



COOPER MFG. CO., Bennington, Vt.



This trade mark is on every garment. Look for and insist upon it, or you will get one of the "other kinds" that is not "just as good."

**TECHNOLOGY CHAMBERS
DINING HALL**

IRVINGTON and St. BOTOLPH STREETS.

American and European Plans.

AMERICAN PLAN

21 Meal Ticket \$5.00.

EUROPEAN PLAN—Discount Tickets

\$3.25 for \$3. | \$5.50 for \$5.

Walter C. Brooks & Company**Importing Tailors**

SECOND FLOOR - - OLD SOUTH BUILDING

294 WASHINGTON ST., BOSTON

The following officers have been elected by the Golf Association for this year: President, O. W. Potter, '07; Secretary and Treasurer, H. B. Hastings, '07.

**Book on FIREARMS--Free!**

WE WANT every out-door man or boy to know all about the famous STEVENS Rifles, Pistols and Shotguns. We therefore have compiled a valuable magazine illustrated book, telling not only all about STEVENS arms, but containing useful and interesting information on hunting, shooting, sights, ammunition, how to handle and care for fire-arms, etc. This we will send you FREE for four cents in stamps for postage.

Have you tried our CLEVER RIFLE PUZZLE? Sent FREE, postpaid, if you ask for it.

ASK YOUR DEALER FOR THE STEVENS.

J. STEVENS ARMS AND TOOL CO.,P. O. Box 4094,
CHICOPEE FALLS, MASS., U. S. A.**— THE —
GARRISON HALL CAFE**

Solicits the Patronage of

TECH STUDENTSCuisine and Service Excellent
Meal Tickets, 21 Meals, \$5.00**GEORGE R. HOWARD****The Walk-Over Shoe****Spring Styles
are now ready**We are showing a large variety of
College Shapes**A. H. HOWE & SONS**170 TREMONT STREET, BOSTON
2285 WASHINGTON ST., ROXBURY**W. M. ROWAN****"THE TECH BARBER"**

Westminster Hotel . . . St. James Ave.

SPECIAL TO STUDENTS

HAIR CUT 25 CENTS SHAVE 15 CENTS

Have you Noticed a

Florist Shop

Different from the Others on

Boylston Street?**C. F. HOVEY & CO.**

Men's Furnishing Goods.

Custom Made Shirts a Specialty.

33 Summer Street

42 Avon Street

BOSTON.**Just Around the Corner**

16 Arlington Street

WILLIAM B. LIBBY**Printer**

Telephone 528-3 Back Bay

Good Printing Suitable for all
Occasions and Purposes.**The Berkeley Hotel**BERKELEY AND BOYLSTON STREETS
European and American Plans

Modern in Every Detail

Restaurant à la Carte Dining Room table d'hôte

Gentlemen's Cafe and Billiard Room

Entrance on Berkeley St.

JOHN A. SHERLOCK**Theatre Attractions**

CASTLE SQ.—"Carmen."

COLONIAL—"Humpty Dumpty." Spectacular.

GLOBE.—Williams and Walker.

HOLLIS—"The Little Minister."

MAJESTIC—"The Philbuster."

PARK—"Strongheart."

TREMONT—"The Cingalee."

HERRICK TICKETS
ALL THEATRES

Copley Square

Telephone

2329, 2330 and 2331 Back Bay

\$5.50 FOR \$5.00

We have inaugurated a commutation meal ticket especially for STUDENTS

TRINITY
COURT**Petit Lunch**2 STUART
STREET**REGULAR MEALS 20 c. and 25 c.**

Table d'Hôte for 35c.

Served from 5.30 to 8 p.m.

WILLIAM A. NICHOLS

208 Summer Street, Boston

PrinterBook, Newspaper and Magazine
Composition and Presswork

Commercial and Society Printing

Telephone 1380 Main